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## Version Two Ring Connector Wiring

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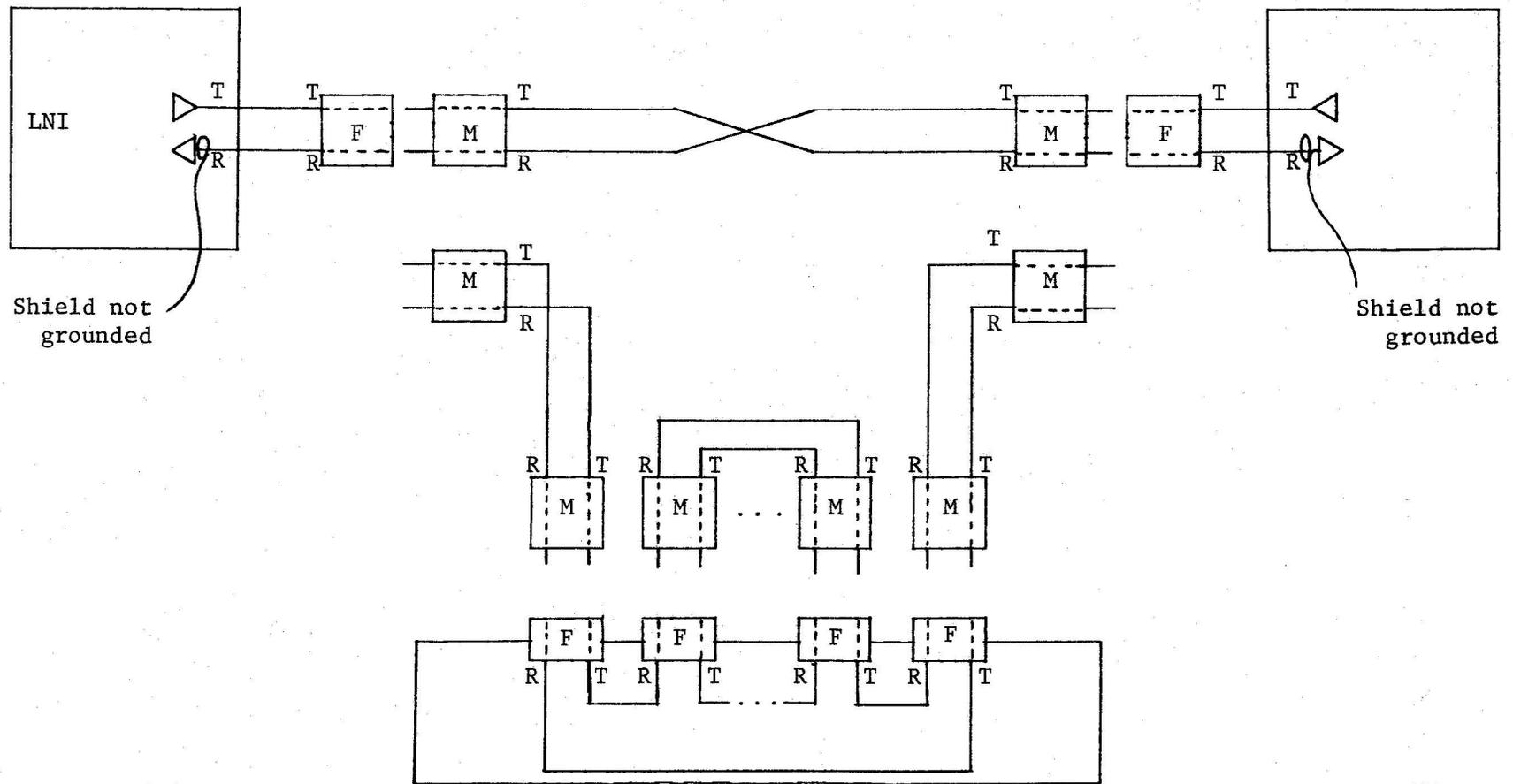
This note records the pin assignments and connector arrangements used for node-to-node links in the Version two ring. (Except for addition of the "I-am-healthy" circuit, the wiring arrangement is the same as in the Version one ring.)

	Pin	Function
15-pin D-connector	1	Transmit shield
	2	Transmit Black
	3	Transmit White
	4	Receive shield (Not connected at LNI receiver)
	5	Receive Black
	6	Receive White
	7	I-am-healthy +
	8	I-am-healthy -
	9-15	unused

} if not multiplexed on  
T/R pairs

Notes

1. LNI and Star center use female D-connectors.
2. Interconnecting cables use male D-connectors at both ends.
3. Interconnecting cables connect T at one end to R at other end, and vice-versa.
4. Interconnecting cables connect I-am-healthy + at one end to I-am-healthy - at other end.
5. Polarity (Black/White) is maintained as specified in pin connections.
6. Shields pass through connectors in all cases; decision to ground/float a shield is always made by LNI wiring, not by cable or connector wiring.
7. Star center passes shields also, without creating a common ground.



V2.LNI ring connector wiring arrangement. The lines "I-am-healthy +" and "I-am-healthy -" follow the pattern of pairs T and R, respectively.